

Listing of Claims

1) (Canceled)

2) (Previously Presented) The structural composite sandwich of claim 19 wherein said micro multi-void core comprises a member selected from the group consisting of polymers and metals.

3) (Original) The structural composite sandwich of claim 2 wherein said micro multi-void core is fabricated from aluminum, copper or alloys of aluminum and copper.

4) (Withdrawn) The structural composite sandwich of claim 2 wherein said micro multi-void is fabricated from a polymer, copolymer or mixture of polymers.

5) (Original) The structural composite sandwich of claim 2 wherein said micro multi-void comprises an extrusion.

6) (Original) The structural composite sandwich of claim 2 wherein said layers of composite stiffening material comprise a member selected from the group consisting of metal matrix and polymer matrix composites.

7) (Original) The structural composite sandwich of claim 6 wherein said layers of composite stiffening material comprise a metal matrix composite.

8) (Original) The composite sandwich of claim 2 wherein said core comprises an aluminum or aluminum alloy extrusion, and said layers of composite stiffening material comprise an aluminum metal matrix composite.

9) (Original) The composite sandwich of claim 8 wherein said aluminum metal matrix composite includes continuous ceramic fibers or ceramic particles.

10) (Currently Amended) The composite sandwich of claim 19 wherein said multi-void core comprises a micro[[,]] multi-void ranging in width from a few millimeters up to several inches.

11) (Original) The composite sandwich of claim 10 wherein said multi-void core comprises a member selected from the group consisting of polymers and metals.

12) (Original) The composite sandwich of claim 11 wherein said multi-void core is fabricated from aluminum, copper or alloys of aluminum or copper.

13) (Withdrawn) The composite sandwich of claim 11 wherein said multi-void core is fabricated from a polymer, copolymer or mixture of polymers.

14) (Original) The composite sandwich of claim 11 wherein said multi-void core comprises an extrusion.

15) (Original) The composite sandwich of claim 11 wherein said layers of composite stiffening material comprise a member selected from the group consisting of metal matrix and polymer matrix composites.

16) (Original) The composite sandwich of claim 15 wherein said layers of composite stiffening material comprises a metal matrix composite.

17) (Original) The composite sandwich of claim 11 wherein said core comprises an aluminum or aluminum alloy extrusion, and said layers of composite stiffening material comprise an aluminum metal matrix composite.

18) (Original) The composite sandwich of claim 17 wherein said aluminum metal matrix composite includes continuous ceramic fibers or ceramic particles.

19) (Previously Presented) A structural composite sandwich comprising:

- A) a micro multi-void core having two planar surfaces and including a plurality of continuous, parallel, longitudinal channels; and**
- B) at least one layer of a composite stiffening material attached to each of said two planar surfaces.**

20) (Previously Presented) The structural composite sandwich of claim 19 wherein said micro multi-void is fabricated from a metal and said at least one layer of composite stiffening material comprises a metal matrix composite.

21) (New) A structural composite sandwich comprising:

- A) an extruded integral multi-void core having two opposing planar surfaces and between said opposing planar surfaces a plurality of longitudinal, continuous parallel channels or voids defined by ribs extending between said opposing planar surfaces; and**
- B) at least one layer of a composite stiffening material attached to each of said two planar surfaces.**

22) (New) The structural composite sandwich of claim 21 wherein said micro multi-void is fabricated from a metal and said at least one layer of a composite stiffening material comprises a metal matrix composite.